

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|---|------------------|
| - | 9 | SHAIKH-Furqan-Zafar[in] BLAIR-Howard-Douglas[in] TABACZYNSKI-Rodney-John[in] PAN-Tsung-Yu[in] | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/10/23 15:04 |
| - | 10847 | ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/10/23 15:04 |
| - | 18 | ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and (gas adj dynamic) ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and cold\$1spray ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and cold\$1spray | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/10/23 15:05 |
| - | 1 | ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and cold\$1spray ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and cold\$1spray | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 10:08 |
| - | 1 | ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and cold\$1spray ((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and cold\$1spray | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 10:08 |
| - | 708 | ((internal adj combustion) engine cylinder) and ((cold adj spray) (kinetic adj spray) (gas adj dynamic)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 10:11 |
| - | 113 | ((internal adj combustion) and engine and cylinder) and ((cold adj spray) (kinetic adj spray) (gas adj dynamic)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 10:14 |
| - | 15 | ((internal adj combustion) and engine and cylinder) and ((cold adj spray) (kinetic adj spray) (gas adj dynamic)) and (coat\$3 lining liner) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 10:18 |
| - | 4754 | (internal adj combustion) and (cylinder same (coat\$3 liner lining)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 10:23 |
| - | 210 | ((internal adj combustion) and (cylinder same (coat\$3 liner lining))) and (((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 10:23 |
| - | 71 | ((internal adj combustion) and (cylinder same (coat\$3 liner lining))) and (((427/230) or (427/233) or (427/234) or (427/236) or (427/239) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668).CCLS.) and ((two adj layer) (double adj layer) adhesion hardness) ((4300497) or ("4511612") or ("3110292") or ("3140697") or ("4522171") or ("2739578") or ("3259116") or ("1798260") or ("4558664") or ("4485778")).PN. | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 11:47 |
| - | 10 | ((4300497) or ("4511612") or ("3110292") or ("3140697") or ("4522171") or ("2739578") or ("3259116") or ("1798260") or ("4558664") or ("4485778")).PN. | USPAT | 2002/04/29 11:49 |

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| 15 | (427/230[ccls] 427/233[ccls] 427/234[ccls] 427/236[ccls] 427/239[ccls]) and (cylinder adj bore) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 15:43 |
| 135 | (cylinder adj bore) and ((thermal plasma) adj spray) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 12:41 |
| 1 | 1999-561020.NRAN. ((cylinder (cylinder adj bore) same aluminum) and coat\$3 and ((plasma thermal) adj spray) and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 12:05 |
| 33 | 1999-561020.NRAN. ((cylinder (cylinder adj bore) same aluminum) and coat\$3 and ((plasma thermal) adj spray) and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 13:14 |
| 703 | ((cylinder (cylinder adj bore)) same aluminum) and coat\$3 and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance)) not ((cylinder (cylinder adj bore)) same aluminum) and coat\$3 and ((plasma thermal) adj spray) and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 13:12 |
| 3 | ((cylinder (cylinder adj bore)) same aluminum) and coat\$3 and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance)) not ((cylinder (cylinder adj bore)) same aluminum) and coat\$3 and ((plasma thermal) adj spray) and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance))) and ((gas adj dynamic) (cold adj spray) (kinetic adj spray)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 13:18 |
| 1 | ((cylinder (cylinder adj bore)) same aluminum) and coat\$3 and ((plasma thermal) adj spray) and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance)) | USOCR | 2002/04/29 13:15 |
| 0 | (cylinder adj bore) and ((heat adj transfer) (thermal adj transfer) (heat adj transfer adj resistance) (thermal adj transfer adj resistance)) and (adhere adherent adhesion) and (hardness "material hardness" hard) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 13:18 |
| 0 | (cylinder adj bore) and ((heat adj transfer) (thermal adj transfer) (heat adj transfer adj resistance) (thermal adj transfer adj resistance)) and (adhere adherent adhesion) and (hardness "material hardness" hard) | USOCR | 2002/04/29 13:18 |
| 1 | (cylinder adj bore) and ((heat adj transfer) (thermal adj transfer) (heat adj transfer adj resistance) (thermal adj transfer adj resistance)) and (adhere adherent adhesion) and (hardness "material hardness" hard) | USPAT | 2002/04/29 13:37 |
| 17 | ("5305726").PN. ("3359192" "4245611" "4481237" "4495907" "4503130" "4542111" "4561406" "4574590" "4587177" "4588607" "4645716" "4651630" "4711208" "4735128" "4738227" "4739738" "4975314").PN. | USPAT | 2002/04/29 13:18 |
| 13 | 5305726.URPN. | USPAT | 2002/04/29 13:30 |
| 1 | ("5691004").PN. ("2558286" "2588422" "2833668" "2976169" "3010843" "3011907" "3012904" "3295198" "3338733" "3791861" "4685778" "5080993" "5271967" "5358753" "5376410" "5380564" "5622753").PN. | USPAT | 2002/04/29 13:53 |
| 17 | ("2558286" "2588422" "2833668" "2976169" "3010843" "3011907" "3012904" "3295198" "3338733" "3791861" "4685778" "5080993" "5271967" "5358753" "5376410" "5380564" "5622753").PN. | USPAT | 2002/04/29 13:53 |
| 3 | 5622753.URPN. | USPAT | 2002/04/29 13:37 |
| 1 | ("5958521").PN. ("2588422" "3077659" "3900200" "3991240" "4110512" "4687678" "4982067" "5080056" "5271967" "5334235" "5466906" "5468295").PN. | USPAT | 2002/04/29 14:07 |
| 12 | ("2588422" "3077659" "3900200" "3991240" "4110512" "4687678" "4982067" "5080056" "5271967" "5334235" "5466906" "5468295").PN. | USPAT | 2002/04/29 13:53 |
| 1 | 5958521.URPN. | USPAT | 2002/04/29 13:53 |
| 1 | ("1923790").PN. ("2166634").PN. | USPAT | 2002/04/29 14:07 |
| 1 | ("2166634").PN. | USPAT | 2002/04/29 14:45 |

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| 609 | "cylinder bore" and "stainless steel" | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 14:49 |
| 38 | ("cylinder bore" and "stainless steel") and ((thermal plasma) adj spray) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 14:49 |
| 16 | (aluminum with "cylinder bore") and "stainless steel" and ((thermal plasma) adj spray) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 14:56 |
| 37 | (aluminum with "cylinder bore") and "stainless steel" | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 14:58 |
| 21 | ((aluminum with "cylinder bore") and "stainless steel") not ((aluminum with "cylinder bore") and "stainless steel" and ((thermal plasma) adj spray)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 14:58 |
| 736 | ((cylinder (cylinder adj bore)) same aluminum) and coat\$3 and ((heat thermal) adj transfer) ((heat thermal) adj transfer adj resistance)) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 15:20 |
| 24 | (gas adj dynamic) with spray | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 15:50 |
| 1 | "cold gas dynamic spray" and angle | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 15:50 |
| 10 | "cold gas dynamic spray" | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/29 15:50 |
| 2 | ("5302414").PN. | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/30 09:39 |
| 9 | ("2861900" "4235943" "4256779" "4289807" "4416421" "4627990" "4815414" "4928879" "5019429").PN. | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/30 09:39 |
| 19 | 5302414.URPN. | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/04/30 09:40 |
| 21 | SHAIKH-Furgan-Zafar(in) BLAIR-Howard-Douglas(in) TABACZYNSKI-Rodney-John(in) PAN-Tsung-Yu(in) | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/10/23 12:06 |
| 11262 | ((427/230) or (427/233) or (427/234) or (427/236) or (427/235) or (427/402) or (427/404) or (427/405) or (427/421) or (427/180) or (427/181) or (427/190) or (427/191) or (427/192) or (427/202) or (427/203) or (427/205) or (29/888.06) or (29/888.061) or (123/668)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERMENT | 2002/10/23 15:04 |

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| 21 | SHAIKH-Furgan-Zafar[in] BLAIR-Howard-Douglas[in] TABACZYNSKI-Rodney-John[in] PAN-Tsung-Yu[in] | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/10/23 15:04 |
| 12 | (cylinder near3 (lining coating)) same (gradient graded) | USPAT; EPO; JPO; DERWENT | 2002/10/23 15:19 |
| 0 | (cylinder adj (bore lining liner)) same (graded gradient) | USPAT; EPO; JPO; DERWENT | 2002/10/23 16:05 |
| 1 | (engine near3 (cylinder block bore)) same ((gradient graded) near3 (coating lining)) | USPAT; EPO; JPO; DERWENT | 2002/10/23 16:08 |
| 12 | ("2588422" "3077659" "3900200" "3991240" "4110512" "4687678" "4982067" "5080056" "5271967" "5334235" "5466906" "5468295").PN. | USPAT | 2002/10/24 10:21 |
| 2 | 5958521.URPN. | USPAT | 2002/10/24 10:21 |
| 2 | 5958521.URPN. | USPAT | 2002/10/24 10:21 |
| 0 | ("2588422" "3077659" "3900200" "3991240" "4110512" "4687678" "4982067" "5080056" "5271967" "5334235" "5466906" "5468295").PN.) | USPAT | 2002/10/24 10:21 |
| 12 | 5958521.URPN.) and (gradient graded) | USPAT | 2002/10/24 10:35 |
| 95 | ("2588422" "3077659" "3900200" "3991240" "4110512" "4687678" "4982067" "5080056" "5271967" "5334235" "5466906" "5468295").PN. | USPAT | 2002/10/24 14:48 |
| 16 | ((graded gradient composite) near3 (coating lining)) same ((engine adj block) (cylinder adj bore) cylinder) | USPAT | 2002/10/24 10:45 |
| 20 | ((graded gradient) near3 (coating lining)) same ((engine adj block) (cylinder adj bore) cylinder) | USPAT; EPO; JPO | 2002/10/24 11:28 |
| 1 | ((graded gradient) near3 (coating lining)) same ((thermal near2 resistance) (thermal near2 conductivity) (heat near2 resistance) (heat near2 conductivity near2 resistance)) same ((wear near2 resistance) (abrasion near2 resistance)) | USPAT; EPO; JPO | 2002/10/24 11:31 |
| 0 | ((graded gradient) near3 (coating lining)) near50 ((thermal near2 resistance) (thermal near2 conductivity) (heat near2 resistance) (heat near2 conductivity near2 resistance)) same ((wear near2 resistance) (abrasion near2 resistance)) | USPAT; EPO; JPO | 2002/10/24 11:34 |
| 53 | ((graded gradient) near3 (coating lining layer)) and ((thermal near2 resistance) (thermal near2 conductivity) (heat near2 resistance) (heat near2 conductivity near2 resistance)) same ((wear near2 resistance) (abrasion near2 resistance)) | USPAT; EPO; JPO | 2002/10/24 11:47 |
| 3 | ((graded gradient) near3 (coating lining layer)) same ((increase increased increasing) near3 ((thermal near2 resistance) (heat near2 resistance) (heat near2 transfer near2 resistance) (thermal near2 transfer resistance))) same ((increase increased increasing) near3 ((wear near2 resistance) (abrasion near2 resistance))) | USPAT; EPO; JPO | 2002/10/24 13:27 |
| 50 | ((bond bonding) near3 coat) same (gradient graded) same (adhesion thermal) | USPAT; | 2002/10/24 13:51 |
| 2279 | ((427/446) OR (427/448) OR (427/449) OR (427/450) OR (427/451) OR (427/452) OR (427/453) OR (427/454) OR (427/455) OR (427/456)).CCLS. | EPO; JPO USPAT; EPO; JPO; DERWENT | 2002/10/24 13:52 |
| 48 | ((427/446) OR (427/448) OR (427/449) OR (427/450) OR (427/451) OR (427/452) OR (427/453) OR (427/454) OR (427/455) OR (427/456)).CCLS.) and (bond near2 coats3) and (graded gradient) | USPAT; EPO; JPO; DERWENT | 2002/10/24 14:46 |

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| 12 | Gor5\$[lin] and ((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.) | USPAT; EPO; JPO; DERWENT USPAT; EPO; JPO; DERWENT | 2002/10/24 14:32 |
| 4 | GORYNIN [lin] and (gradient graded) | USPAT; EPO; JPO; DERWENT | 2002/10/24 14:32 |
| 0 | ((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.) and (bond near2 coat\$3) and (graded gradient)) and (cylinder near2 (bore coating lining)) | USPAT; EPO; JPO; DERWENT | 2002/10/24 14:47 |
| 19292 | ((coating lining)) same ((engine adj block) (cylinder adj bore) cylinder) | USPAT; EPO; JPO | 2002/10/24 14:49 |
| 130 | ((coating lining)) same ((engine adj block) (cylinder adj bore) cylinder)) and ((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.) | USPAT; EPO; JPO | 2002/10/24 14:49 |
| 64 | ((coating lining)) same ((engine adj block) (cylinder adj bore) cylinder)) and ((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.) and wear and thermal | USPAT; EPO; JPO | 2002/10/24 14:49 |
| 54 | ((coating lining)) same ((engine adj block) (cylinder adj bore) cylinder)) and ((427/446) or (427/448) or (427/449) or (427/450) or (427/451) or (427/452) or (427/453) or (427/454) or (427/455) or (427/456)).CCLS.) and wear and thermal) and oxide | USPAT; EPO; JPO | 2002/10/24 14:49 |